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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/729,332
Filing Date	December 5, 2003
First Named Inventor	Kwak et al.
Art Unit	2685
Examiner Name	Nguyen, Simon
Attorney Docket Number	I-2-0453.1US

ENCLOSURES (Check all that apply)

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Form PTO-1449 and Fifteen
References Cited. |
|---|--|--|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature	<i>Thomas A. Mattioli</i>		
Printed name	Thomas A. Mattioli		
Date	7/6/06	Reg. No.	56,773

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Thomas A. Mattioli</i>		
Typed or printed name	Thomas A. Mattioli	Date	7/6/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Kwak et al.

Application No.: 10/729,332

Confirmation No.: 1134

Filed: December 5, 2003

For: METHOD AND APPARATUS FOR
NETWORK MANAGEMENT USING
PERCEIVED SIGNAL TO NOISE AND
INTERFERENCE INDICATOR

Group: 2685

Examiner: Nguyen, Simon

Our File: I-2-0453.1US

Date: July 6, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*). Copies of the cited documents are enclosed, and pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

Applicant: Kwak et al.
Application No.: 10/729,332

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Kwak et al.

By Thomas A. Mattioli
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TAM/akg
Enclosures (16)



FORM PTO-1449				ATTY. DOCKET NO. I-2-0453.1US		SERIAL NO. 10/729,332	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Kwak et al.			
				FILING DATE December 5, 2003		GROUP 2685	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	4,542,514	09/1985	Watanabe			
	*	5,214,687	05/1993	Kaensaekoski et al.			
	*	5,440,582	08/1995	Birchler et al.			
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	*	6,028,894	02/2000	Oishi et al.			
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	*	6,675,012	01/2004	Gray			
		6,850,736	02/2005	McCune			
		6,871,066	03/2005	Khullar et al.			
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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				APPLICANT Kwak et al.			
				FILING DATE December 5, 2003		GROUP 2685	
	*	6,690,944	02/2004	Lee et al.			
	*	6,754,506	06/2004	Chang et al.			
	*	6,810,273	10/2004	Mattila et al.			
	*	6,826,140	11/2004	Brommer et al.			
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	*	2002/0136287	09/2002	Heath et al.			
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	*	2002/0183028	12/2002	Takahashi et al.			
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		2003/0045243	03/2003	Rauhala			
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	*	2005/0143117	06/2005	Jalloul et al.			
	*	2005/0152480	07/2005	Chang et al.			

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				FILING DATE December 5, 2003		GROUP 2685	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	2005/0169301	08/2005	Jain et al.			
	*	2005/0069026	03/2005	Vepsalainen et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	*	03021845	02/2003	WO			YES	NO
	*	04100468	11/2004	WO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	*	"Information Technology-Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements – Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications." ANSI/IEEE Std 802.11, 1999 Edition (Reaffirmed 12 June 2003).						
	*	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements- Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0, November 2002.						
	*	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.1, March 2003.						
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EXAMINER				DATE CONSIDERED				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	*	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.10, November 2003.	
	*	"Draft – Recommended Practice for Multi-Vendor Access Point Interoperability Via An Inter-Access Point Protocol Across Distribution Systems Supporting IEEE 802.11 Operation." IEEE Std 802.11f/D3.1, April 2002.	
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	*	Moreton, Mike. "Comment Resolution Motions – IEEE 802.11-03/169r1." IEEE Std. 802-11 Submission. March 2003.	
	*	Lampe, Mattias et al. "PER-Prediction for Link Adaptation in OFDM Systems." Technical University of Hamburg-Harburg, 10 September 2002.	
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